

Table 2 - Summary of Final Remediation Goals for COCs other than PCBs
OUI Record of Decision—Allied Paper, Inc./ Portage Creek/Kalamazoo River Superfund Site

Analyte	Soils/Sediments (µg/kg)					Groundwater and Seeps ^a (µg/L)	
	Statewide Default Background Level	Residential Drinking Water Protection Criteria & RBSLs	Groundwater Surface Water Interface Protection Criteria and RBSLs	Residential Direct Contact Criteria & RBSLs	Non-Residential Direct Contact Criteria & RBSLs	Residential Drinking Water Criteria & RBSLs	Groundwater Surface Water Interface Criteria & RBSL
SVOCs							
4-methylphenol	N/A	7,400	1,000	11,000,000	36,000,000	370	30
PCDD/PCDF ^b							
Total TCDD Equivalent(O)	N/A	NLL	NLL	0.09	0.99	N/A	
Inorganics							
Aluminum (B)	6,900,000	1,000	N/A	50,000,000	370,000,000	50	N/A
Antimony	N/A	4,300	94,000	180,000	670,000	6	130
Arsenic	5,800	4,600	4,600	7,600	37,000	10	10
Barium (B)	75,000 °	1,300,000	660,000 (G)	37,000,000	130,000,000	2,000	1,000 (G)
Cadmium (B)	1,200 °	6,000	3,000 (G)	550,000	2,100,000	5	2.5 (G)
Chromium	N/A	30,000	3,300	2,500,000	9,200,000	100	11
Cobalt	6,800	800	2,000	2,600,000	9,000,000	40	100
Copper	32,000 °	5,800,000	100,000 (G)	20,000,000	73,000,000	1,000	18 (G)
Cyanide	390	4,000	100	12,000	250,000	200	5.2
Iron (B)	12,000,000	6,000	N/A	160,000,000	580,000,000	300 (E)	N/A
Lead (B)	21,000 °	700,000	2,500,000 (G)	400,000	900,000	4	14 (G)
Magnesium (B)	N/A	8,000,000	N/A	1,000,000,000	1,000,000,000	400,000	N/A
Manganese (B)	440,000	1,000	26,000 (G)	25,000,000	90,000,000	50	1,300 (G)
Mercury	130	1,700	50	160,000	580,000	2	0.0013
Nickel	20,000 °	100,000	100,000 (G)	40,000,000	150,000,000	100	100 (G)
Selenium	410	4,000	400	2,600,000	9,600,000	50	5
Zinc	47,000 °	2,400,000	230,000 (G)	170,000,000	630,000,000	2,400	235 (G)

Notes:

^a Only the data from the 2002–2003 groundwater and seep samples are summarized to reflect conditions after removal.

^b Dioxin and furans only were sampled in 1998.

^c Background value used in RI as screening criteria; lowest risk-based level highlighted used for COC comparison.

N/A = Not Applicable, NLL= Not likely to leach, RBSL = risk-based screening level, µg/kg = micrograms per kilogram

(B) Background, as defined in R 299.5701(b), may be substituted if higher than the calculated cleanup criterion.

(E) Criterion is the aesthetic drinking water value, as required by § 20120a(5) of NREPA 1994 PA 451, as amended by NREPA of 1994.

(G) Calculated value dependent on pH, hardness.

(O) The concentration of all polychlorinated and polybrominated dibenzodioxin and dibenzofuran isomers present at a facility, expressed as an equivalent concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin based upon their relative potency, shall be added together and compared to the criteria for 2,3,7,8-tetrachlorodibenzo-p-dioxin.

Highlighted cells = lowest applicable criteria.

Source: Non-Residential Part 201 Generic Cleanup Criteria and Screening Levels, Part 213 Tier 1 Risk-Based Screening Levels, document release date March 25, 2011.